

Karina IVORY PVC COMPOUND 851-35/1-E-IS

Polyvinyl Chloride

Karina Ind. e Com. de Plásticos Ltda

Message:

PVC COMPOUND CLASS 70C (PVC/F) RECOMMENDED FOR INSULATION OF ELECTRICAL WIRES AND FLEXIBLE CORDS.

General Information			
Uses	Electronic Insulation		
	Wire & Cable Applications		
Appearance	Ivory		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.43 to 1.47	g/cm ³	IEC 60811-1-3
Color	OK		ME 12
Color a	-1.90 to 1.10		ME 12
Color b	4.51 to 7.51		ME 12
Color L	87.5 to 90.5		ME 12
Maximum Variation of Elongation	< 25	%	IEC 60811-1-2
Maximum Variation of Tensile Strength	< 25	%	IEC 60811-1-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	84 to 88		NBR 7456
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	> 10.0	MPa	IEC 60811-1-1
Tensile Strain (Yield)	> 150	%	IEC 60811-1-1
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ²	> 10.0	MPa	IEC 60811-1-2
Tensile Elongation ³ (Break)	> 150	%	IEC 60811-1-2
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -15.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ⁴	> 5.0E+13	ohms · cm	NBR 5403
NOTE			
1.	24 hr		
2.	Aged in Air for 168 hr at 100°C		
3.	Aged in Air for 168 hr at 100°C		
4.	24 hr		

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